

# Change parent's status depending on sub-task's summary

## On this page

- [Features used to implement the example](#)
- [Example: Change parent's status depending on sub-task's summary](#)
- [Other examples of that function](#)
- [Related Usage Examples](#)

## Features used to implement the example

- [Set a field as a function of other fields](#)



This example is considered **outdated**. Please head over to the one using our [Transition issues](#) post function [here](#).

## Example: Change parent's status depending on sub-task's summary

I have some doubts and I am unable to solve them:

I have a Task and Sub-task: If the summary of a sub-task contain "**Create estimate**", then the task gets the new status "**estimate created**" (execute transition in Task).

You have to insert [Set field as a function of other fields](#) post-function in "**Create Issue**" post-function of sub-task's workflow. Use the following configuration:

<b>Field to be checked for matching with type 1 setting rules:</b>	<div>Summary - [Text]</div> <div>This field is only used by rules where conditional part is a regular expression written in brackets: <code>{(regular_expression)*value}</code></div>
<b>Target field to be set:</b>	<div>Parent's issue status - [Issue status]</div> <div>Field to be set by first matched setting rule. Type of the field is shown in square brackets. Check <a href="#">documentation on Virtual Fields</a> to get information about suitable values for setting selected target field.</div> <div><input type="checkbox"/> Don't overwrite target field if it's already set</div>
<b>Setting rules:</b> <div>There are two types of setting rules, and both types can be combined in the same post-function. <b>Rule formats:</b> - type 1: <code>{(regular_expression)*value}</code> - type 2: <code>{(boolean_expression)*value}</code> <b>Write only one rule per line.</b>  <b>value</b> may be a parsed text or a mathematical or time formula, depending on the type of selected <i>Target field</i>. <a href="#">Regular expression syntax</a></div>	<div>1 <code>i(.create estimate.*)Estimate created</code></div> <div><input type="checkbox"/> Evaluate all the setting rules, not stopping at first match. Only available for multi-valued and ephemeral target fields.</div>

Setting rule used requires [JIRA Workflow Toolbox 2.1.32](#) or higher. Prefix `i` makes the regular expression to be evaluated ignoring the case of the text in the summary. Used expression is:

```
i(.create estimate.*)In Progress
```

If you are using an older version of the plugin, use the following equivalent setting rule:

```
((?i).create estimate.*)In Progress
```

Once configured, "**Create Issue**" transition in sub-task's workflow will look like this:

Create Issue

OPEN

This is the **initial** transition in the workflow.

**Screen:** None - initial transition does not have a view.

Validators 1

Post Functions 3

The following will be processed after the transition occurs

Add post function

1. Creates the issue originally.

2. The field **Parent's issue status** will be set according to the evaluation of **Summary** against the following set of rules:  
**i.(\*create estimate.\*)Estimate created**  
This feature will be run as **Current user**.

3. Fire a **Issue Created** event that can be processed by the listeners.

Please check that:

- There is a **transition from current parent status to the new status**, and that all the **conditions and validations in that transition are satisfied**.
- In order to discard that the setting rule is not being triggered because of the condition on "**Summary**" is not satisfied, please, replace the setting rule with **(.\*)Estimated created** which is always satisfied.

## Other examples of that function

Page: [Add watcher depending on security level](#)  
 Page: [Add watchers based on issue type](#)  
 Page: [Add watchers depending on the value of a custom field](#)  
 Page: [Assign issue based on the value of a Cascading Select custom field](#)  
 Page: [Assign issue to a specific user based on a specific custom field value](#)  
 Page: [Assign issue to current user if assignee is empty](#)  
 Page: [Assign issue to current user if the user is not member of a certain project role](#)  
 Page: [Change assignee based on a custom field](#)  
 Page: [Change parent's status depending on sub-task's summary](#)  
 Page: [Changing issue priority depending on issue description](#)  
 Page: [Compose dynamic text by inserting field values in a text template](#)  
 Page: [Copy "Due date" into a date type custom field in a linked issue if it's greater than current issue's "Due date"](#)  
 Page: [Limit the number of hours a user can log per day](#)  
 Page: [Make parent issue progress through its workflow](#)  
 Page: [Rise priority if due date is less than 3 weeks away](#)  
 Page: [Set "Due date" depending on the value of other fields, in case it's uninitialized](#)  
 Page: [Set "Due date" to a specific day of next week no matter of date of creation this week](#)  
 Page: [Set "Due date" to current date at issue creation if not initialized](#)  
 Page: [Set a custom field "Urgency" depending on a combined value of issue's priority and "Impact" custom field](#)  
 Page: [Set a date based on current date](#)  
 Page: [Set a field based on reporter's email](#)

## Related Usage Examples

- [Validation on sibling sub-tasks depending on issue type and status](#)
  - [example](#)
  - [validator](#)
  - [sub-task](#)
  - [transition](#)
- [Block a transition until all sub-tasks have certain fields populated](#)
  - [example](#)
  - [condition](#)
  - [validator](#)
  - [sub-task](#)
  - [transition](#)
- [Transition sub-tasks when parent is transitioned](#)
  - [example](#)
  - [post-function](#)
  - [sub-task](#)
  - [transition](#)
  - [outdated](#)
- [Transition only a sub-task among several ones](#)
  - [example](#)
  - [post-function](#)
  - [sub-task](#)
  - [transition](#)
  - [outdated](#)
- [Moving sub-tasks to "Open" status when parent issue moves to "In Progress"](#)
  - [example](#)

Page: Set a watcher at ticket creation depending on custom field's value  
 Page: Set assignee depending on issue type  
 Page: Set security level based on groups and project roles the reporter or creator are in  
 Page: Set security level depending on reporter or creator  
 Page: Set the assignee based on a condition  
 Page: Set the value of a field of type "User Picker" depending on other field's value  
 Page: Set watchers depending on the value of a custom field  
 Page: Setting a custom field (User Picker) based on the value of another custom field (Text Field)  
 Page: Setting a field's default value depending on another field  
 Page: Setting the priority depending on the multiplication of custom fields  
 Page: Transition an issue automatically depending on the value of a field  
 Page: Unassign an issue when assigned to project leader  
 Page: Update checkboxes custom field if a file has been attached during a transition  
 Page: Using project properties to calculate custom sequence numbers

- post-function
  - sub-task
  - transition
  - outdated
- Moving story to "Ready for QA" once all its sub-tasks are in "Ready for QA" status
  - example
  - post-function
  - sub-task
  - transition
  - outdated
- Automatically close resolved sub-tasks when parent issue is closed
  - example
  - post-function
  - sub-task
  - transition
  - outdated
- Change parent's status depending on sub-task's summary
  - example
  - post-function
  - sub-task
  - transition
  - outdated
- Moving story to "In Progress" when one of its sub-tasks is moved to "In Progress"
  - example
  - post-function
  - sub-task
  - transition
  - outdated
- Close parent issue when all sub-tasks are closed
  - example
  - condition
  - validator
  - post-function
  - sub-task
  - transition
- Proceed with a task only when all sub-tasks are completed
  - example
  - condition
  - validator
  - sub-task
  - transition
- Transition parent issue only when certain issue sub-task types are done
  - example
  - validator
  - sub-task
  - transition
- Enforce certain type of sub-tasks to be "Resolved" to allow executing a transition
  - example
  - validator
  - sub-task
  - transition
- Prevent transitioning when there is a blocking issue
  - example
  - validator
  - issue-links
  - sub-task
  - transition
- Restrict parent issue from closing if it has sub-tasks that were created during a given parent issue status
  - example
  - validator
  - post-function
  - sub-task
  - transition